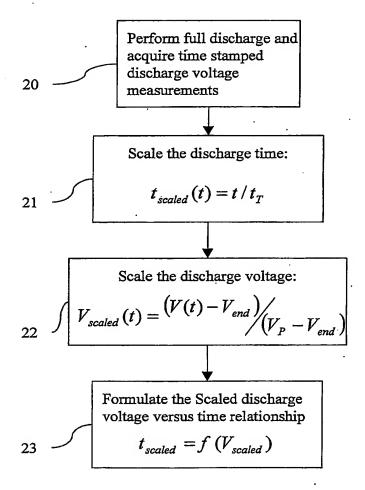


FIG. 2



2.05

Voltage (V).

1.85 ------

02:09:36.0

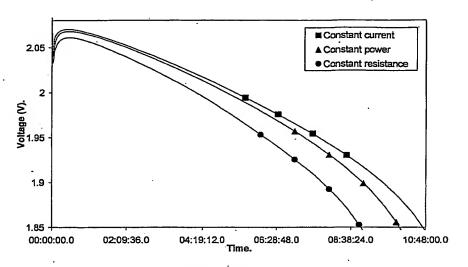
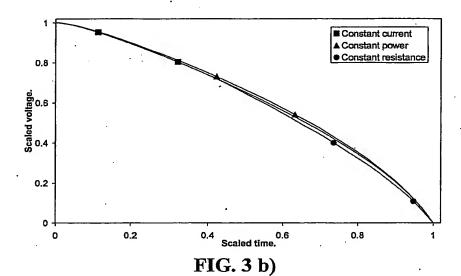


FIG. 3 a)



□25A △50A ×75A ○100A ×125A ■150A ●275A

06:28:48.0

08:38:24.0

10:48:00.0

FIG 3 c)

Time.

04:19:12.0

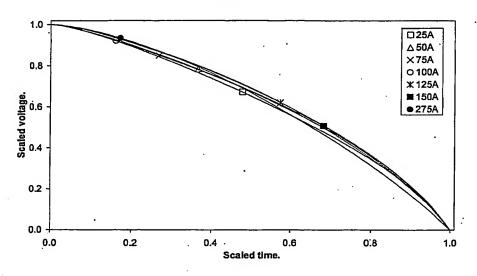


FIG. 3 d)

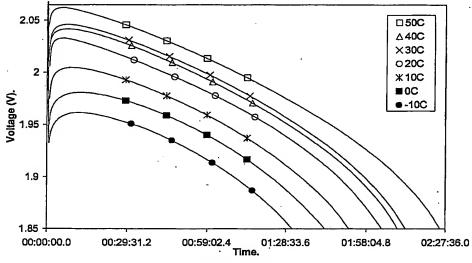


FIG. 3 e)

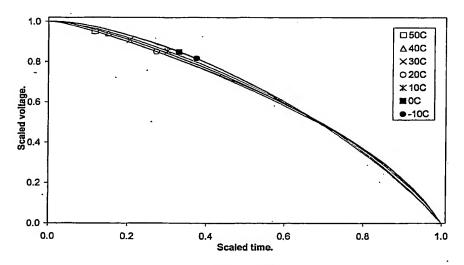


FIG. 3 f)

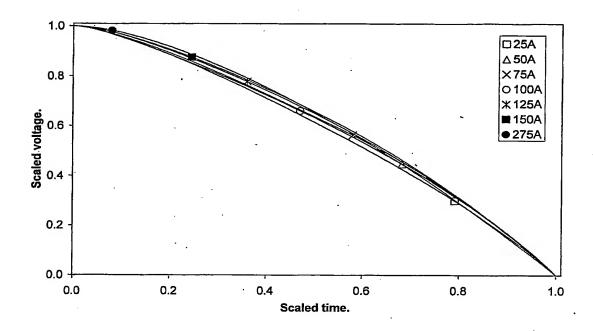


FIG. 4 a)

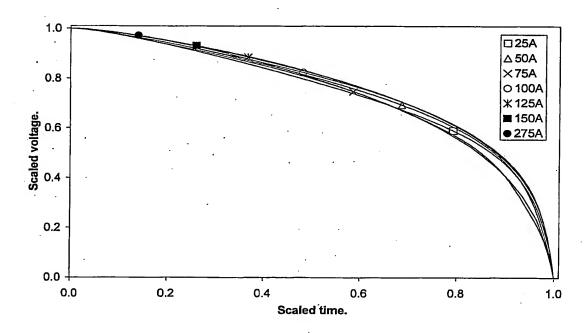


FIG. 4 b)

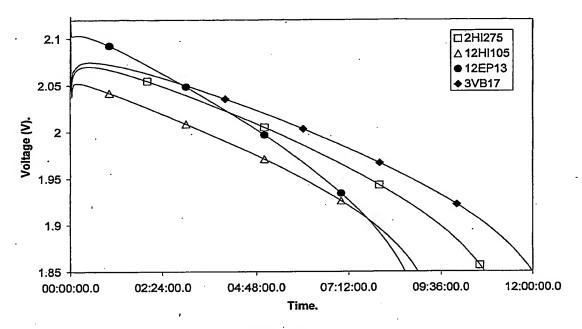


FIG. 5 a)

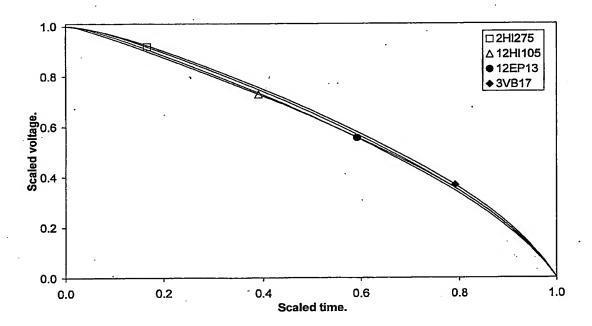


FIG. 5 b)

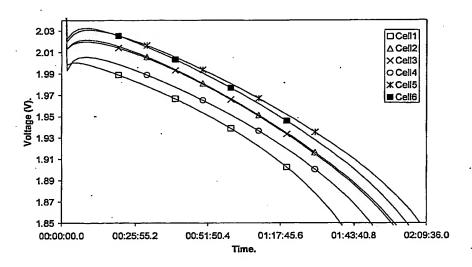


FIG. 6 a)

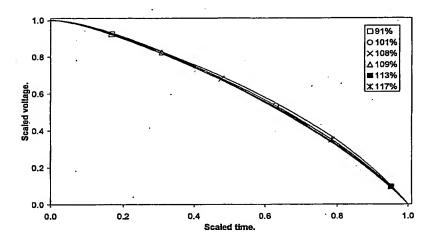


FIG. 6 b)

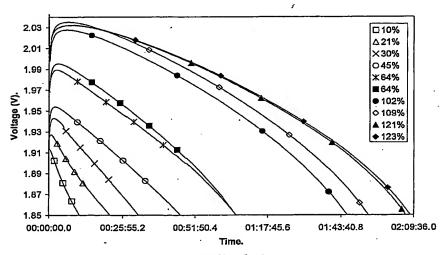


FIG. 6 c)

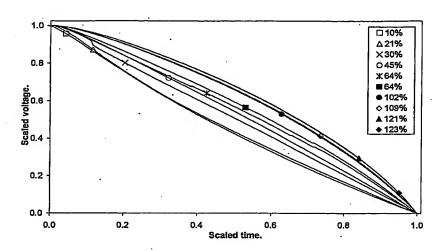


FIG. 6 d)

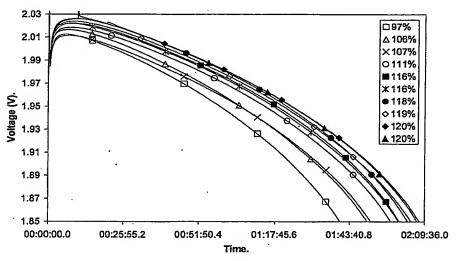


FIG. 6 e)

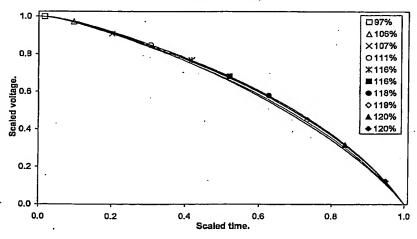
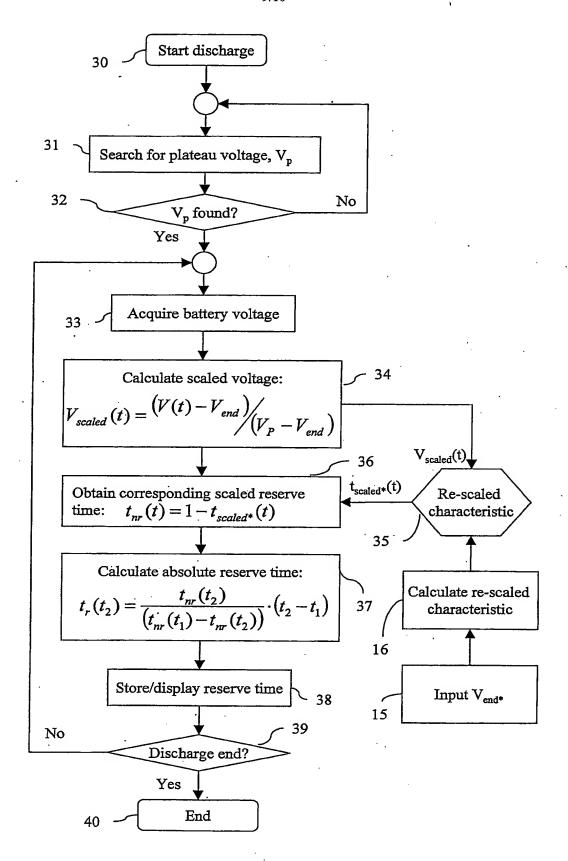


FIG. 6 f)



**FIG.** 7

51

52

53

Calculate scaled end voltage corresponding to new end voltage

 $V_{\text{scaled end}^*} = \frac{\left(V_{\text{end}^*} - V_{\text{end}}\right)}{\left(V_p - V_{\text{end}}\right)}$ 

Obtain the scaled time, t<sub>scaled end\*</sub> corresponding to the new end voltage using V<sub>scaled end\*</sub> from the original scaled characteristic.

Re-scaled voltage in accordance with new end voltage

 $V_{scaled}^{*}(t) = V_{scaled}(t) - V_{scaled end}^{*}$   $1 - V_{scaled end}^{*}(t)$ 

Re-scaled time in accordance with new end voltage

 $t_{scaled}^*(t) = \frac{t_{scaled}}{t_{scaled end}^*}$ 

FIG. 8

